



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide



Searching within **The ACM Digital Library** for: web request for database content and caching a web request

Found **753** of **253,467**

REFINE YOUR SEARCH

[Search Results](#)
[Related Journals](#)
[Related Magazines](#)
[Related SI](#)

▼ Refine by Keywords

[Discovered Terms](#)

▼ Refine by People
[Names](#)
[Institutions](#)
[Authors](#)
[Editors](#)
[Reviewers](#)

▼ Refine by Publications
[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)

▼ Refine by Conferences
[Sponsors](#)
[Events](#)
[Proceeding Series](#)

Results 1 - 20 of 753

Sort by

[Save results to a Binder](#)

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#)

- 1 [Engineering and hosting adaptive freshness-sensitive web applicatio](#)
 Wen-Syan Li, Oliver Po, Wang-Pin Hsiung, K. Selçuk Candan, Divyakant Ag
 May 2003 **WWW '03**: Proceedings of the 12th international conference on
Publisher: ACM

Full text available: Pdf (10.31 MB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 40, Citation

Wide-area database replication technologies and the availability of content
 Web applications to be hosted and served from powerful data centers. Their
 support requires a complete Web application suite to be ...

Keywords: database-driven web applications, dynamic content, freshn
 work latency, web acceleration

- 2 [WReX: a scalable middleware architecture to enable XML caching for](#)
 Junichi Tatemura, Oliver Po, Arsany Sawires, Divyakant Agrawal, K. Selçuk
 November 2005 **Middleware '05**: Proceedings of the ACM/IFIP/USENIX 2005
 on Middleware

Publisher: Springer-Verlag New York, Inc.

Full text available: Pdf (572.38 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 4, Citation C

Web service caching, i.e., caching the responses of XML web service requests
 designing scalable web service architectures. Such caching of dynamic content
 maintaining the caches appropriately to reflect dynamic updates to the

Keywords: XML views, XML-relational mapping, caching, path expressi

- 3 [Database change notifications: primitives for efficient database quer](#)
 Cesar Galindo-Legaria, Torsten Grabs, Christian Kleinerman, Florian Waas
 August 2005 **VLDB '05**: Proceedings of the 31st international conference on
Publisher: VLDB Endowment

Full text available: Pdf (168.27 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 16, Citation

Many database applications implement caching of data from a back-end
 repeated round trips to the back-end and to improve response times for
 example, consider a web application that caches *dynamic web* ...

- 4 [Communications of the ACM: Volume 52 Issue 7](#)


ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

[Please provide us with feedback](#)

Found **753** of **253,467**

July 2009 Communications of the ACM
 **Publisher:** ACM

Full text available:  Digital Edition ,  Pdf (7.61 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 938, Downloads (12 Months): 938, Citations

5 Challenges and practices in deploying web acceleration solutions for systems



Wen-Syan Li, Wang-Pin Hsiung, Oliver Po, Koji Hino, Kasim Selcuk Candan
 May 2004 **WWW '04: Proceedings of the 13th international conference on**
Publisher: ACM

Full text available:  Pdf (6.61 MB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 87, Citations

For most Web-based applications, contents are created dynamically bas business, such as product prices and inventory, stored in database syst demand personalized content and track user behavior while ...

Keywords: application server, dynamic content, edge server, fragment scalability, web acceleration

6 Model-driven development of Web applications: the AutoWeb system



Piero Fraternali, Paolo Paolini
 October 2000 **Transactions on Information Systems (TOIS)** , Volume 18 I

Publisher: ACM 

Full text available:  Pdf (6.94 MB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 116, Downloads (12 Months): 397, Citations

This paper describes a methodology for the development of WWW appli environment specifically tailored for the methodology. The methodology environment are based upon models and techniques already used in the

Keywords: HTML, WWW, application, development, intranet, modeling

7 Building efficient and effective metasearch engines



Weiyi Meng, Clement Yu, King-Lup Liu
 March 2002 **Computing Surveys (CSUR)** , Volume 34 Issue 1

Publisher: ACM 

Full text available:  Pdf (416.07 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 374, Citations

Frequently a user's information needs are stored in the databases of m unconvenient and inefficient for an ordinary user to invoke multiple sear useful documents from the returned results. To support ...

Keywords: Collection fusion, distributed collection, distributed informat resource discovery, metasearch

8 Tools and approaches for developing data-intensive Web application



Piero Fraternali
 September 1999 **Computing Surveys (CSUR)** , Volume 31 Issue 3

Publisher: ACM 


Full text available:  Pdf (524.80 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 56, Downloads (12 Months): 545, Citatic

The exponential growth and capillar diffusion of the Web are nurturing a applications, characterized by a direct business-to-customer relationship applications is a hybrid between traditional IS development ...

Keywords: HTML, Intranet, WWW, application, development

9 [Enhancing interactive web applications in hybrid networks](#)

 [Aruna Balasubramanian](#), [Brian Neil Levine](#), [Arun Venkataramani](#)

September 2008 **MobiCom '08: Proceedings of the 14th ACM international computing and networking**

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (678.78 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 390, Citatic

Mobile Internet users have several options today including high bandwidth such as 3G, that may be the choice for many. However, the ubiquity and an attractive alternative, namely, opportunistic use of ...

Keywords: application, mobile networking, testbed, web search

10 [Labels and event processes in the Asbestos operating system](#)

 [Steve Vandebugart](#), [Petros Elstathopoulos](#), [Eddie Kohler](#), [Maxwell Krohn](#), [C Frans Kaashoek](#), [Robert Morris](#), [David Mazières](#)

December 2007 **Transactions on Computer Systems (TOCS)**, Volume 25

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (1.21 MB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 184, Citatic

Asbestos, a new operating system, provides novel labeling and isolation contain the effects of exploitable software flaws. Applications can express with Asbestos's kernel-enforced labels, including controls ...

Keywords: Information flow, labels, mandatory access control, process servers

11 [Affinity-based management of main memory database clusters](#)

 [Minwen Ji](#)

November 2002 **Transactions on Internet Technology (TOIT)**, Volume 2

Publisher: ACM  [Request Permissions](#)




Full text available:  [Pdf](#) (553.96 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 67, Citation

We study management strategies for main memory database clusters for Internet applications and back-end databases as content caches. The task is to allocate data across individual cache databases and to route queries ...




Keywords: Main memory database, clustering, database administration organization, query affinity, scalability

12 [Data structures for efficient broker implementation](#)

-  [Anthony Tomasic, Luis Gravano, Calvin Lue, Peter Schwarz, Laura Haas](#)
 July 1997 **Transactions on Information Systems (TOIS)** , Volume 15 Issu
Publisher: ACM  [Request Permissions](#)
 Full text available:  [Pdf](#) (316.45 KB) Additional Information: [full citation](#), [abstract](#), [ref review](#)
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 35, Citation




With the profusion of text databases on the Internet, it is becoming incr most useful databases for a given query. To attack this problem, severa systems employ brokers to direct user queries, using a local ...

Keywords: GLOSS, broker architecture, broker performance, distribute partitioned hashing

- 13** [Flash crowd mitigation via adaptive admission control based on appl](#)
 [Xuan Chen, John Heidemann](#)
 August 2005 **Transactions on Internet Technology (TOIT)** , Volume 5 Issu
Publisher: ACM  [Request Permissions](#)
 Full text available:  [Pdf](#) (979.43 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)
Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 75, Citator

We design an adaptive admission control mechanism, *network early wa* protect servers and networks from flash crowds and maintain high perfc NEWS detects flash crowds from performance degradation in responses




Keywords: Flash crowds, admission control, experimentation with testl

- 14** [WSQ/DSQ: a practical approach for combined querying of database:](#)
 [Roy Goldman, Jennifer Widom](#)
 June 2000 **SIGMOD '00: Proceedings of the 2000 ACM SIGMOD internatio**
 Management of data
Publisher: ACM  [Request Permissions](#)
 Full text available:  [Pdf](#) (223.65 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)
Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 57, Citator

We present WSQ/DSQ (pronounced "wisk-disk"), a new approach for co of traditional databases with existing search engines on the Web. WSQ, (*Database*) *Queries*, leverages results from Web ...

Also published in:

June 2000 **SIGMOD Record** Volume 29 Issue 2

- 15** [Cooperative XPath caching](#)
 [Kostas Lillis, Evaggelia Pitoura](#)
 June 2008 **SIGMOD '08: Proceedings of the 2008 ACM SIGMOD internatio**
 Management of data
Publisher: ACM  [Request Permissions](#)
 Full text available:  [Pdf](#) (1.04 MB) Additional Information: [full citation](#), [abstract](#), [ref](#)
Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 248, Citatic

Motivated by the fact that XML is increasingly being used in distributed building a cooperative caching scheme for XML documents. Our scheme content among a number of peers. To facilitate sharing, a distributed ...

Keywords: cache, peer-to-peer systems, xml

16 Estimating frequency of change

 Junghoo Cho, Hector Garcia-Molina
August 2003 **Transactions on Internet Technology (TOIT)**, Volume 3 Issue

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (353.56 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 126, Citations

Many online data sources are updated autonomously and independently the case for estimating the change frequency of data to improve Web or help data mining. We first identify various scenarios, where ...

Keywords: Change frequency estimation, Poisson process

17 YouServ: a web-hosting and content sharing tool for the masses

 Roberto J. Bayardo Jr., Rakesh Agrawal, Daniel Gruhl, Amit Soman
May 2002 **WWW '02: Proceedings of the 11th international conference on**

Publisher: ACM


Full text available:  Pdf (238.48 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 58, Citations

YouServ is a system that allows its users to pool existing desktop computer *availability* web hosting and file sharing. By exploiting standard web and HTTP and DNS), YouServ does not require those who ...

Keywords: decentralized systems, p2p, peer-to-peer networks, web hosting

18 Compact, adaptive placement schemes for non-uniform requirements

 André Brinkmann, Kay Salzweid, Christian Scheidegger
August 2002 **SPAA '02: Proceedings of the fourteenth annual ACM symposium on**
and architectures

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (244.99 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 28, Citations

In this paper we study the problem of designing compact, adaptive strategies for placing objects among a heterogeneous set of servers. Ideally, such a strategy computes the position of an object with a low time and ...

Keywords: RAID, adaptive hashing, balls into bins, distributed data structures, random graphs, web caching

19 Cache for workflows

 Ian Taylor, Andrew Harrison, Carlo Mastroianni, Matthew Shields
June 2007 **WORKS '07: Proceedings of the 2nd workshop on Workflows in**
science

Publisher: ACM

Full text available:  Pdf (313.54 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)


Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 65, Citations

This paper discusses the motivation for the design of a decentralised data

Internet scale distributed computing applications. We provide three target distributed cycle sharing applications, music information retrieval ...


Keywords: P2P, grouping, super peers, web services, workflow

20 [An end-to-end approach to globally scalable programmable networki](#)

 [Micah Beck, Terry Moore, James S. Plank](#)

August 2003 **FDNA '03**: Proceedings of the ACM SIGCOMM workshop on Future network architecture

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (447.96 KB) Additional Information: [full citation](#), [abstract](#), [ref](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 56, Citation

The three fundamental resources underlying Information Technology are computation. The goal of wide area infrastructure is to provision these resources within a community. The end-to-end principles provide ...

Keywords: Internet Backplane Protocol, Logistical Network Computing, asynchronous communications, distributed state management, end-to-end storage, programmable networking, scalability, store and forward network

Also published in:

October 2003 **SIGCOMM Computer Communication Review** Volume 33 Issue

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real F](#)